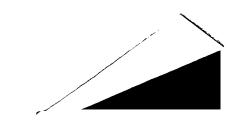
U.S. DEPARTMENT OF CO	MMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER			
TRANSMITTAL LETTER	TO THE UNITED STATES	SAKAI17 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/518057			
DESIGNATED/ELECT	ED OFFICE (DO/EO/US) NG UNDER 35 U.S.C. 371				
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY CLAIMED			
PCT/JP03/007838	June 20, 2003	June 20, 2002			
TITLE OF INVENTION					
	ION OF SULFATED FUCAN	DERIVED FROM SEA CUCUMBER			
APPLICANT(S) FOR DO/EO/US					
Takeshi SAKAI et al.					
Applicant herewith submits to the United	States Designated/Elected Office (DO/EO/L	JS) the following items and other information:			
	of items concerning a filing under 35 U.S.C.	· ·			
2. [] This is a SECOND or SUBSI	EQUENT submission of items concerning a	filing under 35 U.S.C. 371.			
3. [X] This is an express request to be (9) and (21) indicated below.	egin national examination procedures (35 U	S.C. 371(f)). The submission must include items (5), (6),			
4. [X] The US has been elected (Art	31)	•			
	pplication as filed (35 U.S.C. 371(c)(2))				
	uired only if not transmitted by the Internation	onal Rureau)			
· · · · · ·	ed by the International Bureau.	mai Bulcau).			
	application was filed in the United States Rec	ceiving Office (RO/US)			
	tion of the International Application as filed	•			
a. [X] is attached hereto.	non or the international reprination as mount	(35 6.6.6. 371(6)(2)).			
	ibmitted under 35 U.S.C. 154(d)(4).				
	the International Application under PCT Arti	cle 19 (35 U.S.C. 371(c)(3))			
	th (required only if not transmitted by the Int				
	ted by the International Bureau.	emanonai Barbaa).			
	owever, the time limit for making such amer	ndments has NOT expired.			
d. [X] have not been made ar	_				
	on of the amendments to the claims under PC	T Article 19 (35 U.S.C. 371(c)(3)).			
9. [X] An oath or declaration of the i					
		nary Examination Report under PCT Article 36			
(35 U.S.C. 371(c)(5)).		,			
Items 11. to 16. below concern document	at(s) or information included:				
11. [] An Information Disclosure St.					
	recording. A separate cover sheet in complia	ance with 37 CFR 3 28 and 3 31 is included			
13. [X] A FIRST preliminary amendm		mice with 57 Cl R 5.20 and 5.51 is included.			
14. [X] An Application Data Sheet und					
15. [] A substitute specification.	201 37 G1 R 1.70.	·			
16. [] A change of power of attorney	and/or address letter				
		with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.			
18. [] A second copy of the published	d International Application under 35 U.S.C.	154(d)(4).			
	anguage translation of the international appl	ication under 35 U.S.C. 154(d)(4)			
20. [X] Other items or information:		2004/001021 41)			
[X] Courtesy copy of the firs [X] Formal drawings, 8 sheet	t page of the International Publication (WO 2	2004/001031 A1).			
[X] Paper copy only of Seque					
[X] Courtesy Copy of the Inte					
		dress is 4-1, Seta 3-chome, Otsu-shi, Shiga 520-2193,			
Japan.	_	, , , , , , , , , , , , , , , , , , , ,			

Page 1 of 2



		. (If known,see 37 CFR 1.5) International Application No.						Attorney's Docket	No.
ર્{		5180	157	PCT/JP03/007838				SAKAI17	
21. The following fees are submitted:					CALCULATIONS PTO USE ONLY				
[xx] b) EXAN	MINATI	ON FEE.	•••••		•••••	\$200.00			
			drawings f	TAL OF ABOVE CA	ets (excl	uding	\$1,0	00.00	
for each add	ditional 50	sheets of pay	per or fracti]		
TOTAL SHEETS	EXTRA	SHEETS		f each additional 50 or fra ound up to a whole numbe		RATE			
51 - 100		/50	uicieoi (it	said up to a vinore name	<u>.,</u>	X \$250.00			
urcharge of \$130. nonths from the ea	00 for furn	ishing the oa	th or declar	ration later than [] 20 [] 30	-	\$		
CLAIMS	ariest Cialli	Numbe		Number Extra	Rate		 		
otal Claims		10- 2	20 =		X \$ 5	0.00	\$		
ndependent Claim		1-	-		X \$20		\$		
Iultiple Dependen	t Claims (i	f applicable)	·	TOTAL OF ABOVE	+ \$36		\$1,00	00.00	
eduction of ½ for	filing by s	mall entity. i	f applicable	. Applicant claims small			\$1,00		
FR 1.27.						IBTOTA I	01.00	20.00	
Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30					\$1,00	0.00			
months from the earliest claimed priority date (37 CFR 1.492(f)).									
fdi d	1		(27 CED 1	TOTAL 21(h)). The assignment m		NAL FEE =	\$1,00	00.00	
				3.28, 3.31). \$40.00 per pro			3		
				TOTAL F	EES EN	CLOSED =	\$1,00		
							1 4	Amount to be: refunded	\$
								charged	\$
o. [X] Credit Co	ard Paym narge my	ent Form (I Deposit Ac	PTO-2038)	to cover the above), authorizing payment 02-4035 in the amount	in the a			is attached.	s.
I. [X] The Com	nmissione		authorized	ed. I to charge any addition plicate copy of this she			e requir	ed, or credit any	voverpayment
				der 37 CFR 1.494 or 1 application to pending			net, a n	etition to reviv	e (37 CFR 1.137(a) or
irect all correspor				with		(SIGNAT	run C	Dowl
BROWDY A	NID NIE					-			
	ND NE	IMARK,	P.L.L.	C.		• _	Roge	r L. Browdy	
	STREE	T, N.W.,	SUITE			-	NAME		
624 NINTH S WASHINGT	STREE ON, D.	T, N.W.,	SUITE			_ 	NAME 25, 61	18	
	STREE ON, D.0 -5197	T, N.W.,	SUITE			_ 	NAME 25, 61		R